



S/N 10/735,267

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrew P. Kramer et al. Examiner: Scott M. Getzow
Serial No.: 10/735,267 Group Art Unit: 3762
Filed: December 12, 2003 Docket: 279.738US1
Title: METHOD AND APPARATUS FOR ADJUSTABLE AVD PROGRAMMING
USING A TABLE

COMMUNICATION CONCERNING RELATED APPLICATIONS

Mail Stop RCE

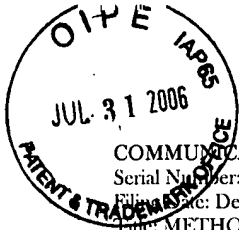
Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date/Issue Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/075,278 6,144,880	May 8, 1998	279.090US1	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
09/492,911 6,360,127	January 20, 2000	279.090US2	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
09/661,608 6,351,673	September 14, 2000	279.090US3	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/008,830 6,542,775	December 7, 2001	279.090US4	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/314,910	December 9, 2002	279.558US1	METHOD AND APPARATUS FOR OPTIMIZING VENTRICULAR SYNCHRONY DURING DDD RESYNCHRONIZATION THERAPY USING ADJUSTABLE ATRIO- VENTRICULAR DELAYS
10/314,899	December 9, 2002	279.559US1	METHOD AND APPARATUS FOR OPTIMIZING STROKE VOLUME DURING DDD RESYNCHRONIZATION THERAPY USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/243,811 6,684,103	September 13, 2002	279.090US5	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS



COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 10/735,267

Filing Date: December 12, 2003

Title: METHOD AND APPARATUS FOR ADJUSTABLE AVD PROGRAMMING USING A TABLE

Page 2

Dkt: 279.738US1

10/615,201 6,856,836	July 7, 2003	279.090US6	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
10/615,202 6,859,665	July 7, 2003	279.090US7	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS
11/049,181	February 2, 2005	279.090US8	CARDIAC PACING USING ADJUSTABLE ATRIO-VENTRICULAR DELAYS

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicants request that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,

ANDREW P. KRAMER ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6965

Date

7-28-2006

By

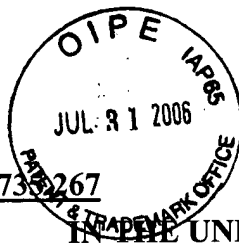
Zhengnian Tang

Reg. No. 55,666

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 28 day of July 2006.

Name

Signature



S/N 10/735,267

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Andrew P. Kramer et al.	Examiner:	Scott M. Getzow
Serial No.:	10/735,267	Group Art Unit:	3762
Filed:	December 12, 2003	Docket:	279.738US1
Title:	METHOD AND APPARATUS FOR ADJUSTABLE AVD PROGRAMMING USING A TABLE		

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No :10/735,267

Filing Date: December 12, 2003

Title: METHOD AND APPARATUS FOR ADJUSTABLE AVD PROGRAMMING USING A TABLE

Page 2

Dkt: 279.738US1

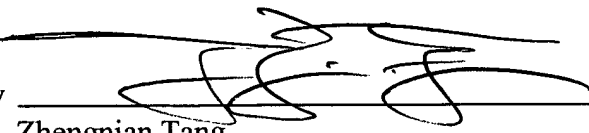
Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

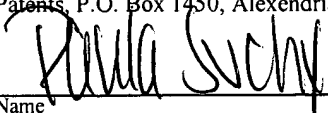
Respectfully submitted,
ANDREW P. KRAMER ET AL.

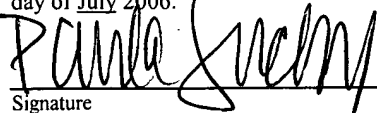
By their Representatives,
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6965

Date 7-28-2006

By 
Zhengnian Tang
Reg. No. 55,666

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 28 day of July 2006.

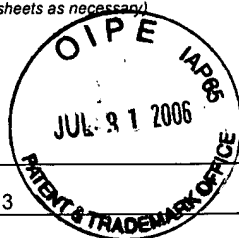

Name


Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 3

Complete if Known

Application Number	10/735,267
Filing Date	December 12, 2003
First Named Inventor	Kramer, Andrew
Group Art Unit	3762
Examiner Name	Getzow, Scott

Attorney Docket No: 279.738US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2002/0002389A1	01/03/2002	Bradley, Kerry, et al.	05/14/2001
	US-2002/0091415A1	07/11/2002	Lovett, Eric G., et al.	12/12/2001
	US-2002/0123769A1	09/05/2002	Panken, Eric J., et al.	12/14/2000
	US-2002/0183795A1	12/05/2002	Rouw, M., et al.	04/30/2001
	US-2003/0125774A1	07/03/2003	Salo, Rodney	12/31/2001
	US-2003/0014083A1	01/16/2003	Kupper, B	04/27/2001
	US-2003/0144702A1	07/31/2003	Yu, Y., et al.	12/09/2002
	US-2003/0144703A1	07/31/2003	Yu, Y., et al.	12/09/2002
	US-2004/0019365A1	01/29/2004	Ding, J., et al.	07/26/2002
	US-2004/0078059A1	04/22/2004	Ding, J., et al.	07/07/2003
	US-2004/0078060A1	04/22/2004	Ding, J., et al.	07/07/2003
	US-2004/0193223A1	09/30/2004	Kramer, A. P., et al.	12/19/2003
	US-2005/0131472A1	06/16/2005	Ding, J., et al.	02/02/2005
	US-2005/0137631A1	06/23/2005	Yu, Y., et al.	12/22/2003
	US-4,401,119	08/30/1983	Herpers, L.	02/17/1981
	US-4,432,362	02/21/1984	Leckrone, M. E., et al.	03/08/1982
	US-4,686,987	08/18/1987	Salo, Rodney W., et al.	03/29/1982
	US-4,922,907	05/08/1990	Hedin, Asa, et al.	06/10/1988
	US-4,945,909	08/07/1990	Fearnot, N. E., et al.	06/06/1989
	US-5,168,869	12/08/1992	Chirife, Raul	06/17/1991
	US-5,179,949	01/19/1993	Chirife, Raul	12/07/1990
	US-5,318,595	06/07/1994	Ferek-Petric, Bozidar, et al.	05/08/1992
	US-5,330,511	07/19/1994	Boute, Willem	01/19/1993
	US-5,331,768	07/26/1994	Takeuchi, Norio	03/05/1993
	US-5,334,222	08/02/1994	Salo, R. W., et al.	11/03/1992
	US-5,372,607	12/13/1994	Stone, K. A., et al.	06/23/1993
	US-5,514,163	05/07/1996	Markowitz, H. T., et al.	02/21/1995
	US-5,527,347	06/18/1996	Shelton, Michael B., et al.	02/21/1995
	US-5,534,016	07/09/1996	Boute, W.	02/21/1995
	US-5,549,650	08/27/1996	Bornzin, Gene A., et al.	06/13/1994
	US-5,554,177	09/10/1996	Kieval, Robert S., et al.	03/27/1995
	US-5,609,612	03/11/1997	Plicchi, Gianni, et al.	12/13/1995
	US-5,626,620	05/06/1997	Kieval, Robert S., et al.	02/21/1995
	US-5,626,623	05/06/1997	Kieval, Robert S., et al.	04/30/1996
	US-5,690,689	11/25/1997	Sholder, J. A.	03/29/1996
	US-5,700,283	12/23/1997	Salo, Rodney W.	11/25/1996
	US-5,713,930	02/03/1998	van der Veen, Johannes S., et al.	11/06/1996
	US-5,716,383	02/10/1998	Kieval, R. S., et al.	06/24/1996
	US-5,749,906	05/12/1998	Kieval, Robert S., et al.	12/03/1996
	US-5,800,471	09/01/1998	Baumann, Lawrence S.	10/20/1997

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/735,267
Filing Date	December 12, 2003
First Named Inventor	Kramer, Andrew
Group Art Unit	3762
Examiner Name	Getzow, Scott

Sheet 2 of 3

Attorney Docket No: 279.738US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,824,019	10/20/1998	Rueter, J. C., et al.	10/11/1996
	US-6,144,880	11/01/2000	Ding, Jiang, et al.	05/08/1998
	US-6,208,901	03/27/2001	Hartung, W.	03/03/1998
	US-6,223,082	04/24/2001	Bakels, A., et al.	01/28/2000
	US-6,273,856	08/14/2001	Sun, W., et al.	10/19/1999
	US-6,280,389	08/28/2001	Ding, Jiang, et al.	11/12/1999
	US-6,311,089	10/30/2001	Mann, B., et al.	08/20/1999
	US-6,351,673	02/26/2002	Ding, J., et al.	09/14/2000
	US-6,360,127	03/19/2002	Ding, J., et al.	01/20/2000
	US-6,430,439	08/06/2002	Wentkowski, R. H., et al.	12/26/2000
	US-6,438,421	08/20/2002	Stahmann, J. E., et al.	12/26/2000
	US-6,449,510	09/10/2002	Albers, Bert A., et al.	04/27/2000
	US-6,480,742	11/12/2002	Stahmann, Jeffrey E., et al.	12/26/2000
	US-6,507,756	01/04/2003	Heynen, Henri G., et al.	04/03/2000
	US-6,512,952	01/28/2003	Stahmann, Jeffrey E., et al.	12/26/2000
	US-6,522,921	02/18/2003	Stahmann, Jeffrey E., et al.	12/26/2000
	US-6,522,923	02/18/2003	Turcott, Robert	02/09/2001
	US-6,542,775	04/01/2003	Ding, J., et al.	12/07/2001
	US-6,553,258	04/22/2003	Stahmann, J. E., et al.	12/26/2000
	US-6,597,951	07/22/2003	Kramer, Andrew, et al.	11/27/2001
	US-6,684,103	01/27/2004	Ding, J., et al.	09/13/2002
	US-6,856,836	02/15/2005	Ding, J., et al.	07/07/2003
	US-6,859,665	02/22/2005	Ding, J., et al.	07/07/2003
	US-7,013,176	03/14/2006	Ding, J., et al.	01/28/2003
	US-7,020,521	03/28/2006	Brewer, J. E., et al.	11/08/2002

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	EP-0474958	03/18/1992	Bozidar, Ferek-Petric, et al.	
	EP-0970721A2	01/12/2000	Stone, K. A., et al.	
	WO-01/76689	10/18/2001	Salo, R. W., et al.	
	WO-2004011088A1	02/05/2004	Ding, J., et al.	
	WO-2004069333A2	08/19/2004	Ding, J., et al.	
	WO-99/10042	03/04/1999	Levine, P. A., et al.	
	WO-9958191A1	11/18/1999	Ding, J., et al.	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)

Complete if Known

Application Number	10/735,267
Filing Date	December 12, 2003
First Named Inventor	Kramer, Andrew
Group Art Unit	3762
Examiner Name	Getzow, Scott

Sheet 3 of 3

Attorney Docket No: 279.738US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		AURICCHIO, "Cardiac Resynchronization Therapy Restores Optimal Atrioventricular Mechanical Timing in Heart Failure Patients with Ventricular Conduction Delay", Journal of the American College of Cardiology, Vol 39, No. 7, (4/3/02), 1163-1169	
		SHEIBAN, I., et al., "Time course and determinants of left ventricular function recovery after primary angioplasty in patients with acute myocardial infarction", J Am Coll Cardiol., 38(2), (Aug., 2001), 464-71	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached